abcam

Product datasheet

Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) ab199376

重组 RabMAb

14 References 9 图像

概述

产品名称	兔IgG,单克隆抗体[EPR25A] -同型对照(Low endotoxin, Azide free)
经测试应用	**适用于:** ChIP-sequencing, ChIC/CUT&RUN-seq, IHC-P, Flow Cyt, ICC/IF, IP
免疫原	Chemical/ Small Molecule conjugated to keyhole limpet haemocyanin. KLH is a copper containing oxygen carrier occurring freely dissolved in the hemolymph of many molluscs and arthropods.KLH forms a large complex composed of ~50 kDa subunits.
常规说明	ab199376 is a carrier-free antibody designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes. Our **Low endotoxin, azide-free formats** have low endotoxin level (≤ 1 EU/ml, determined by the LAL assay) and are free from azide, to achieve consistent experimental results in functional assays. KLH is often used in molecular immunology as a carrier protein conjugated to low molecular weight molecules such as peptides, amino acids, nucleic acids, drugs or toxins to render them more immunogenic due to the size of the conjugate complex and the immunogenicity of KLH. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.20 Constituent: PBS

无载体	**是**
纯度	Protein A purified
纯化说明	Endotoxin level: <1EU/mg (based on Lumulus Amebocyte lysate assay).
克隆	单克隆
克隆编号	EPR25A
同种型	IgG

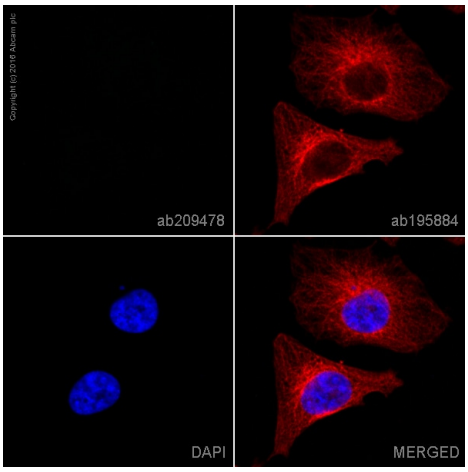
应用

The Abpromise guarantee **Abpromise™承诺保证使用ab199376于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ChIP-sequencing		Use at an assay dependent concentration.
ChIC/CUT&RUN-seq		Use at an assay dependent concentration.
IHC-P		1/250. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
Flow Cyt		1/70.
ICC/IF		1/250.
IP		Use at an assay dependent concentration.

图片



Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

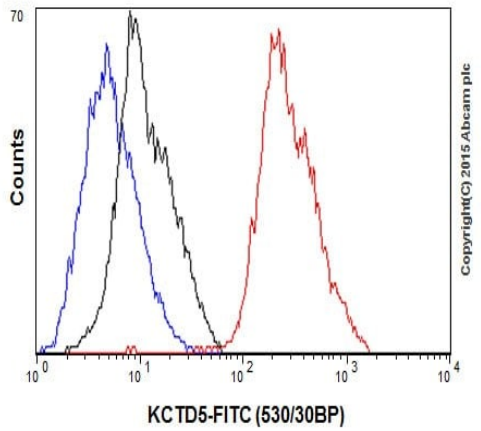
Clone EPR25A (ab199376) has been successfully conjugated by Abcam. This image was generated using Rabbit IgG, monoclonal [EPR25A] - Isotype Control (PE). Please refer to **ab209478** for protocol details.

Immunofluorescent analysis of HeLa (human cervical cancer) cells, fixed with 4% formaldehyde (10 min). The cells were permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with **ab209478** (Rabbit IgG, monoclonal [EPR25A] - Isotype Control) at 1/500 dilution (showing no signal) and **ab195884**, Rat monoclonal [YOL1/34] to Tubulin Microtubule Marker (Alexa Fluor® 647), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems,

TCS SP8).

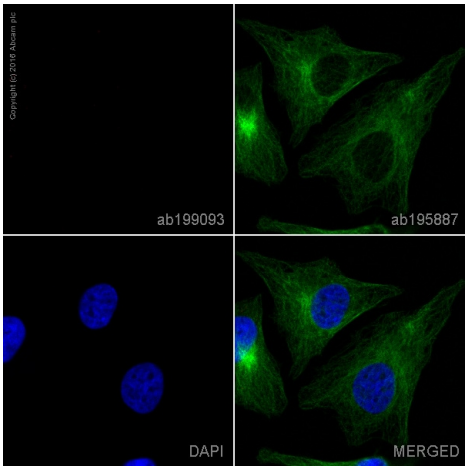
This product also gave a positive signal under the same testing conditions in HeLa cells fixed with 100% methanol (5min).



Flow Cytometry - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Flow cytometric analysis of 4% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling KCTD5 with **ab194825** at 1/70 dilution (red) compared with ab199376 Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody. ab199376 detects no signal in FC.

Note: ab199376 detects no signal in Flow cytometry.



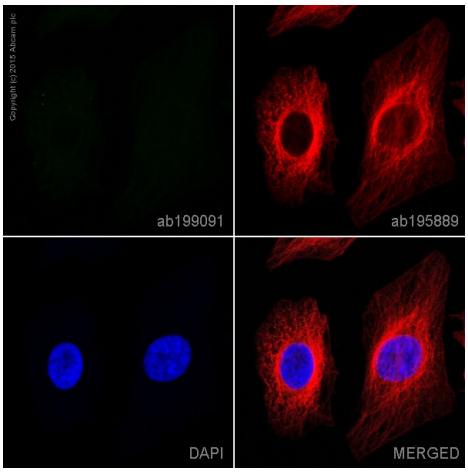
Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Clone EPR25A (ab199376) has been successfully conjugated by Abcam. This image was generated using Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Alexa Fluor® 647). Please refer to **ab199093** for protocol details.

Immunofluorescent analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells, fixed with 4% formaldehyde (10 min). The cells were permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with **ab199093** (Rabbit IgG, monoclonal [EPR25A] - Isotype Control) at 1/500 dilution (showing no signal) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at 1/250 dilution (shown in green). Nuclear DNA was labeled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

This product also gave a positive signal under the same testing conditions in HeLa cells fixed with 100% methanol (5min).



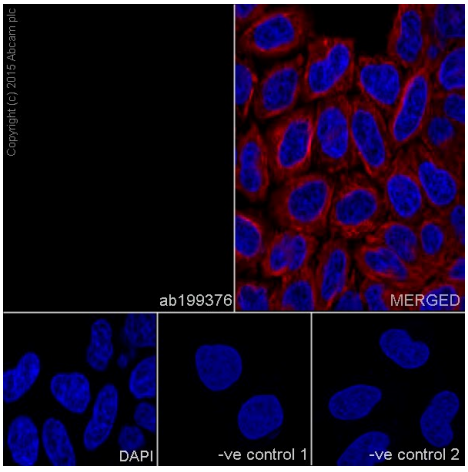
Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Clone EPR25A (ab199376) has been successfully conjugated by Abcam. This image was generated using Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Alexa Fluor® 488). Please refer to **ab199091** for protocol details.

Immunofluorescent analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells, fixed with 4% formaldehyde (10 min). The cells were permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with **ab199091** (Rabbit IgG, monoclonal [EPR25A] - Isotype Control) at 1/500 dilution (showing no signal) and **ab195889**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 1/250 dilution (pseudocolored in red). Nuclear DNA was labeled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

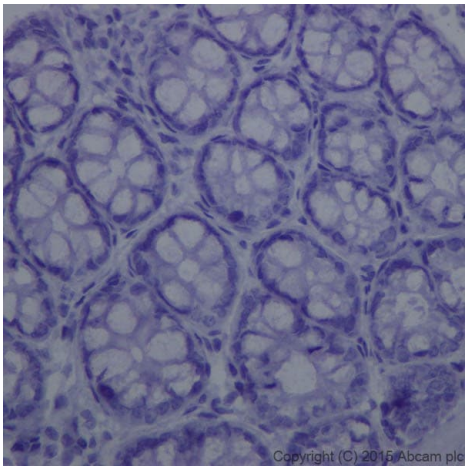
This product also gave a positive signal under the same testing conditions in HeLa cells fixed with 100% methanol (5min).



Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

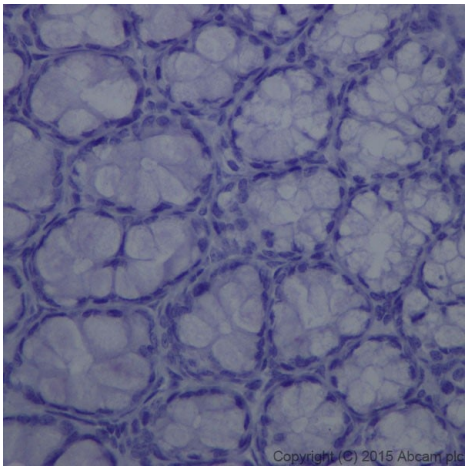
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (Human epithelial cells from cervix adenocarcinoma) cells labeled with ab199376 at 1/250 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution. Confocal image showing no staining on HeLa cell line. The nuclear counterstain is DAPI (blue). Tubulin is detected with **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution and **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution (red).

The negative controls are as follows:-
-ve control 1: ab199376 at 1/250 dilution followed by **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution.
-ve control 2: **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution followed by **ab150077** (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/1000 dilution.



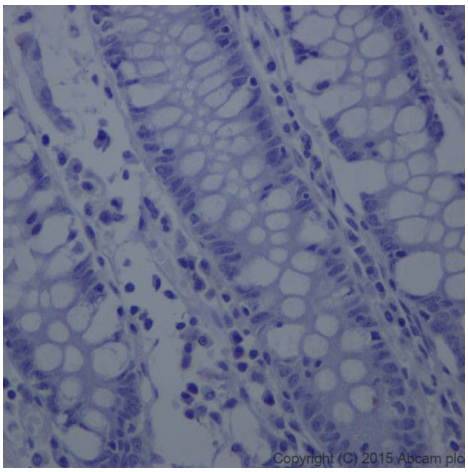
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Immunohistochemistry analysis of rat colon tissue control for testing ab199376 at 1/250. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. An anti-rabbit IgG H&L (HRP) (**ab97051**) was used as a secondary antibody. Counterstained with hematoxylin. No staining on rat colon tissue was observed.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Immunohistochemistry analysis of mouse colon tissue control for testing ab199376 at 1/250. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. An anti-rabbit IgG H&L (HRP) (**ab97051**) was used as a secondary antibody. Counterstained with hematoxylin. No staining on mouse colon tissue was observed.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Immunohistochemistry analysis of human colon tissue control for testing ab199376 at 1/250. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. An anti-rabbit IgG H&L (HRP) (**ab97051**) was used as a secondary antibody. Counterstained with hematoxylin. No staining on human colon tissue was observed.

Rabbit IgG, monoclonal [EPR25A] - Isotype Control (Low endotoxin, Azide free) (ab199376)

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors